Friday, 6/29/2007 11:17:51 AM Kim Johnston User **Process Sheet Drawing Name** : TUBE : CU-DAR001 Dart Helicopters Services Customer Job Number : 33260 **Estimate Number** 11175 MA Part Number : D22825 P.O. Number S.O. No. : 1) A : D2282 REV E : 6/29/2007 **Drawing Number** This Issue : N/A Prsht Rev. Project Number First Issue Type : MACHINED PARTS **Drawing Revision** : 28355 Previous Run Material : 7/12/2007 Qty: 100 Um: Each Due Date Written By Checked & Approved By Removed from 9 Digit 05-12-02 JLM Comment : Est Rev:A **Additional Product** Job Number: Description: **Machine Or Operation:** Seq. #: 1.0 M304R0750 Inventory Comment: Qty.: Total: 18.9063 f(s) 0.1891 f(s)/Unit Material: AISI 304 Stainless Steel Ø0.750(M304R0.750) Batch MIO49 2.0 HARDINGE Comment: HARDINGE CNC LATHE SMALL 1-Turn as per Dwg D2282 and Folio FA189 2-Deburr 3.0 QC2 Comment: INSPECT PARTS AS THEY COME OFF MACHINE 4.0 CONVENTIONAL MILLING MACHINE Comment: CONVENTIONAL MILLING MACHINE Mill Arc as per Dwg D2282 INSPECT PARTS AS THEY COME OFF MACHINE 5.0 QC2 Comment: INSPECT PARTS AS THEY COME OFF MACHINE

Dart Ae	rospace L	.td							
W/O:			W	ORK ORDER CHANGE	S				
DATE	STEP	PROCEDURE CHANGE			Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	•	PAR #:	Fault Cate	egory:	NCR: Yes	Ng DQ	A: 🗊	∑ Date: ⊴	3/07/23
			•	•				_ Date: _	
NCR:		1	WORK ORD	ER NON-CONFORMAN	ICE (NCR	3)			
		Description of NC		Corrective Action Section	n B		ation	A 1	Approval
DATE	STEP	STEP Section A Initial Chief Eng	Action Description Chief Eng	Sign & Date	Verification Section C		Approval Chief Eng	QC Inspector	
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	Description of NC		Corrective Action Section B	Varification	A 1	A	
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NOTE: Date & initial all entries

Date:

Friday, 6/29/2007 11:17:51 AM

Üser:

Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: TUBE

Job Number: 33260

Part Number: D22825

Job Number:



Seq. #:

Machine Or Operation:

Description:

6.0

QC8

SECOND CHECK



Comment: SECOND CHECK

PACKAGING RESOURCE #1



100

7.0

PACKAGING 1



Comment: PACKAGING RESOURCE #1

Identify and Stock Location:

8.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



U 87.07.16

Dart Aerospace Ltd

W/O:		WORK ORDER CHA					
DATE	STEP PROCEDURE CHANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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5 (1)					1		<u> </u>

art No:	PAR #:	Fault Category:	NCR: Yes No	DQA:	Date:
			QA: N/C	Closed:	Date:

NCR:		WORK ORDER NON-CONFORMANCE (NCR)								
		Description of NC		Corrective Action Section B		Verification	Approval Chief Eng	A		
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C		Approval QC Inspector		
•										
						•				

NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order:	33260
Description: Handle Tube	Part Number:	D2282-5
Inspection Dwg: D2282 Rev: E		Page 1 of 1

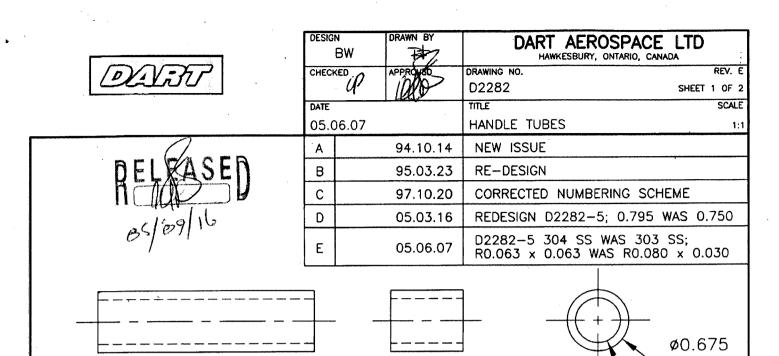
FIRST ARTICLE INSPECTION CHECKLIST

X	First Article		Prototype
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Drawing	Tolerance	Actual	Accept	Reject	Method of Inspection	Comments
Dimension		Dimension	in in		mspection	
2.17	+/-0.030	2.17				
R0.063	+/-0.010	R.063				
0.063	+/-0.010	0.060				
0.125	+/-0.010	0.125				
0.090 x 45°	+/-0.010	0.09 x45°				
R0.350	+0.010/-0.000	1350				
0.158	+/-0.010	e 164	_			
Ø0.386	+0.005/-0.000	0.389	V			
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Measured by:	Audited by:	and	Prototype Approval:	N/A
Date: 07/27/09	Date:	07/07/12	Date:	N/A

Rev	Date	Change	Revised by	Approved
Α	03.11.11	New Issue P/O D350-615-041	KJ/RF	
В	05.04.19	Dimensions & tolerances changed	KJ/JLM	-1
С	06.03.15	Dimensions & tolerances revised per Dwg Rev E	KJ/JLM	



D2282-3/-7 TUBE:

 $2.375_{-0.020}^{}$

D2282-3

1) MATERIAL: T304/T316 3/8 SCHEDULE 40 (REF. DART SPEC. M304TR0.675W.091)

0.795

(REF)

ø0.493 (REF)

- 2) BREAK ALL UMARKED SHARP EDGES 0.005 TO 0.010
- 3) ALL DIMENSIONS ARE IN INCHES

4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED RO.063 x 0.063 DEEP 4 $0.090 \times 45^{\circ}$ 0.95 -CHAMFER 0.158 Ø0.700 R0.350 -Ø0.386 0.125 $0.080 \times 45^{\circ}$ (REF) SHOP COPY CHAMFER RETURN TO **ENGINEERING** UNCONTROLLED COPY D2282-5 SUBJ

D2282-5 STEM:

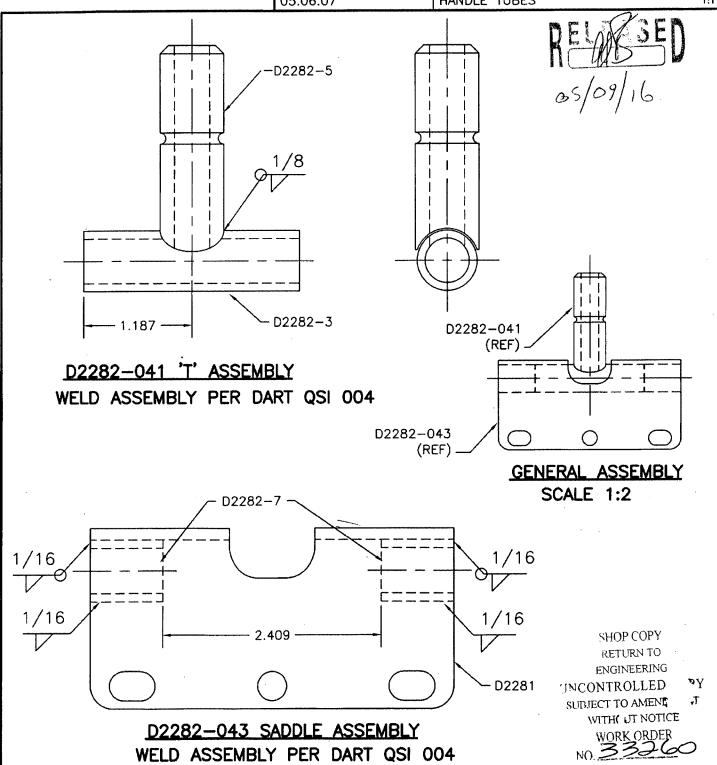
- 1) MATERIAL: AISI 304 STAINLESS STEEL (REF. DART SPEC. M304R0.750)
- 2) BREAK ALL UMARKED SHARP EDGES 0.005 TO 0.010
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

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DESIGN BW	ORAWN BY	DART AEROS HAWKESBURY, ONT	
CHECKED	APPROVED	DRAWING NO.	REV. E
u'	land	D2282	SHEET 2 OF 2
DATE	1 8067	TITLE	SCALE
05.06.07		HANDLE TUBES	1:1



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